

# WSCF ANALYTICAL RESULTS REPORT

for

Groundwater Remediation Program

Richland, WA 99354

Attention: Steve Trent

Analytical:

William J. Baird WW Baird 6/15/05

Client Services:

G. W. P. D. M. P. 9:55p 6/15/2005

*All results are reported on an "as received" basis unless otherwise noted in the comment section.*

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Contract#: FH-EIS-2003-MEM-001

Report#: WSCF20051225

Report Date: 15-jun-2005

Report WGPP/ver. 1.1

Groundwater Remediation Program



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## ANALYTICAL RESULTS REPORT

**Attention:** Steve Trent  
**Project:** F05-023: F05-023

**Group #:** WSCF20051225

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
<b>Radiochemistry</b>														
W050001773	B1D9Y3	TRENT	12587-46-1	Gross alpha	SOIL	LA-508-421	U	-0.400	pCi/g	1.00	1.1	06/15/05	06/09/05	06/14/05
W050001773	B1D9Y3	TRENT	E,T,C	Alpha error by LC	SOIL	LA-508-421		+- 2.4	pCi/g	1.00	0.0	06/15/05	06/09/05	06/14/05
W050001773	B1D9Y3	TRENT	12587-47-2	Gross beta	SOIL	LA-508-421		9.30	pCi/g	1.00	1.3	06/15/05	06/09/05	06/14/05
W050001773	B1D9Y3	TRENT	E,T,C	Beta error by LC	SOIL	LA-508-421		+- 3.8	pCi/g	1.00	0.0	06/15/05	06/09/05	06/14/05

**MDL=Minimum Detection Limit**    U - Analyzed for but not detected above limiting criteria.  
**RQ=Result Qualifier**

**DF=Dilution Factor**

\* - Indicates results that have NOT been validated;    + - Indicates more than six qualifier symbols

*Report WGPP/ver. 1.1*

*Groundwater Remediation Program*

# WSCF

## ANALYTICAL COMMENT REPORT

Attention:  
Project Number

Group #: 20051225

Sample #	Client ID	Lab Area	Test	Comment
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Lab Areas: VALGROUP - Group Validation  
LOGSAMP - Login for Sample

VALTEST - Test Validation  
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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## TENTATIVELY IDENTIFIED PEAK REPORT

Attention:  
Project Number

Group #: 20051225

Sample #	Client ID	Test Name	Peak Name	CAS#	RT	RQ	Result	Units
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RQ=Result Qualifier

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## METHOD REFERENCES REPORT

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The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory or industry methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though the WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

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LA-508-421	LA-508-421: OPERATION OF THE TRI-CARB MODEL 2500TR LIQUID SCINTILLATION ANALYZER
None	No reference to any industry method.

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Note: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at <\\ap006\aspdocs\WSCF\Sample Mgmt\ProcedureMethodCrossReference.pdf>. This document includes on-line links to full-text versions of the procedures and methods, where available.

Report Date: 15-jun-2005

Report #: WSCF20051225

Report WGPPM/O

Waste Sampling and Characterization Facility  
P.O. BOX 1970 S3-30, Richland, WA 99352  
PHONE: (509) 373-7004/FAX: (509) 373-7134

6/15/05  
H/15-KB

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Groundwater Remediation Program

Richland, WA 99354  
Attn: Steve Trent

Customer Code: GPP  
PO#: 119152/ES20  
Group#: 20051225  
Project#: F05-023  
Proj Mgr: Steve Trent A0-21  
Phone: 373-5869



The following samples were received from you on 06/14/05. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Waste Sampling and Characterization Facility.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
W050001773	B1D9Y3	TRENT @TOTALAB	Solid, or handle as if solid	06/09/05

Test Acronym Description

Test Acronym	Description
@TOTALAB	A/B by Liquid Scintillation

Fluor Hanford Inc.		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				F05-023-019		PAGE 1 OF 1	
COLLECTOR Pope/Pfister/Mokler/Wes/Tyra		COMPANY CONTACT TRENT, SJ		TELEPHONE NO. 373-5869		PROJECT COORDINATOR TRENT, SJ		PRICE CODE 2A	
SAMPLING LOCATION 216-A-8, <i>1st</i> <i>2-2</i> <i>VOH</i> <i>7/14/05</i>		PROJECT DESIGNATION 216-A-8 Crib Characterization Borehole				SAF NO. F05-023		DATA TURNAROUND 24 Hours / <i>15 Days</i> <i>7/14/05</i>	
ICE CHEST NO.		FIELD LOGBOOK NO. HNF-N-336-1		COA 119152ES10		METHOD OF SHIPMENT GOVERNMENT VEHICLE			
SHIPPED TO Waste Sampling & Characterization		OFFSITE PROPERTY NO.				BILL OF LADING/AIR BILL NO.			
MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	None						
		TYPE OF CONTAINER	G/P						
		NO. OF CONTAINER(S)	1						
	VOLUME	40 <i>1st</i> 200mL <i>6/14/05</i>							
SPECIAL HANDLING AND/OR STORAGE <i>20051225</i>		SAMPLE ANALYSIS		Activity Scale					
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
<i>1st</i> <i>6/14/05</i> B1D9Y3	SOIL	6.9.05	0925	X					
	W050001773								
CHAIN OF POSSESSION		SIGN/ PRINT NAMES				SPECIAL INSTRUCTIONS			
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME						
<i>JAP/1st</i> <i>6-9-05</i>	<i>1030</i>	<i>Srte RMA Fridge</i> <i>6-9-05</i>	<i>1030</i>						
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME						
<i>Srte RMA Fridge</i> <i>6/14/05</i>	<i>1210</i>	<i>MR WEIL/1st</i> <i>6/14/05</i>	<i>1210</i>						
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME						
<i>MR WEIL/1st</i> <i>6/14/05</i>	<i>1255</i>	<i>TA PRAZIER/1st</i> <i>6/14/05</i>	<i>1255</i>						
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME						
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME						
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME						
LABORATORY SECTION	RECEIVED BY	TITLE				DATE/TIME			
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY				DATE/TIME			